

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/576,099 Confirmation No. 1822  
Applicant(s) : Susanne EVANS et al.  
Filed : January 31, 2007  
Group Art Unit : 2834  
  
Docket No. : R.305866  
Customer No. : 02119

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: July 31, 2009

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(c),  
AND EXPLANATION OF THE RELEVANCE OF THE CITED PRIOR ART**

Sir:

The undersigned hereby requests that the prior art cited on the attached prior art statement and, which has been cited in the assignee's co-pending application No. 10/546,654, be placed of record in the application file.

This citation of prior art is made under 37 CFR 1.97(c), since it is being filed after the mailing date of a non-final Office Action, and is being accompanied by the fee of \$180 as set forth in 37 CFR 1.17(p).

A legible copy of the documents is enclosed. No explanation of the relevance of the US patent documents is required. MPEP 609.

The relevance of the foreign language prior art cited on the attached form PTO/SB/08a is as follows:

#### **DE 4401847**

The invention relates to a cage for securing permanent magnets in a stator of an electric motor. There are electric motors in which the stator consists of permanent magnets fitted in a magnetically conductive housing. These magnets are often secured in the housing adhesively or otherwise. There has, however, already been a proposal to provide retaining cages for these magnets. Their precise fixing in the cage, especially in the peripheral direction, gives rise to difficulties. To this end, it is proposed to make slits (20) in the cage into which spring components (30) may be fitted to bear on the side surfaces of the magnets (32, 34). The spring components may be U-shaped elastic wires inserted flat into the slot with their arms (31, 33) projecting on either side from the side surfaces (4, 4') of the webs (12).

#### **FR 2723490**

The invention relates to an electric motor comprising a shell (42) carrying a number of ferrite magnets (39,40) in the form of tiles. The magnets are held, and wedged axially within the shell by elastic spring lamellae (3,5) mounted on a cover (1) which fits on to the edges of the shell. The cover may consist of a cup-shaped outer element which serves as the seating for an external bearing mounted on the rotating shaft of the motor.

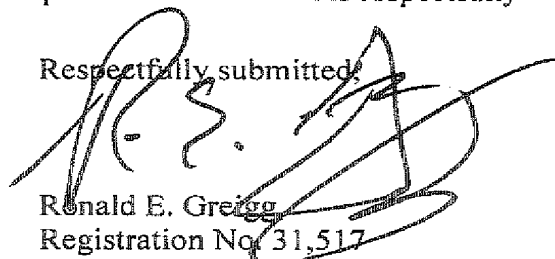
#### **JP 03007035**

The invention relates to a method of improving the shearing strength against adhesives, when a rotor starts or stops, by surrounding the outer circumferential face and the side face of a ferrite magnet with a cover body composed of non-magnetic metal, then injecting an adhesive into the cover body and integrally securing them. A ferrite magnet 6 is temporarily secured to the outer circumference of a rotor core 5 pressure applied onto a rotary shaft 4 and a felt washer 32 is arranged on the side face of the rotor core 5, then two cover bodies 31a, 31b are pressured applied onto the rotary shaft 4 from left and right sides, respectively, so that the ferrite magnet 6 and the felt washer 32 are surrounded by the cover bodies 31a, 31b. Then an epoxy series thermosetting adhesive is injected through an upper hole 31c with the rotary shaft 4 being stood, thereafter heat is applied in order to set the adhesive.

The Commissioner is hereby authorized to charge payment of the fee of \$180, or any and all fees associated with this communication to Deposit Account 07-2100.

Consideration by the examiner of the prior art cited herein is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R.E. Greigg', is written over the typed name and registration number.

Ronald E. Greigg  
Registration No. 31,517  
Attorney for Applicants  
CUSTOMER NO. 02119

GREIGG & GREIGG, P.L.L.C.  
1423 Powhatan Street, Suite One  
Alexandria, VA 22314  
Telephone: 703-838-5500  
Facsimile: 703-838-5554  
REG/JFG/ncr